

Level 4 Potential Conservation Area (PCA) Report

Name Head of Poso Creek

Site Code S.USCOHP2*2053

IDENTIFIERS

Site ID 1875 Site Class PCA
Site Alias None

Network of Conservation Areas (NCA)

NCA Site ID NCA Site Code NCA Site Name
- No Data

LOCATORS

Nation United States Latitude 370633N
State Colorado Longitude 1060759W

Quad Code Quad Name

37106-A2 Fox Creek

County

Conejos (CO)

Watershed Code Watershed Name

13010002 Alamosa-Trinchera

SITE DESCRIPTION

Minimum Elevation 8,400.00 Feet 2,560.00 Meters
Maximum Elevation 8,600.00 Feet 2,621.00 Meters

Site Description

The site is on the Hinsdale formation (volcanic), on a N-NE aspect where deeper soils occur on an otherwise rocky substrate.

Key Environmental Factors

No Data

Climate Description

No Data

Land Use History

No Data

Cultural Features

No Data

SITE DESIGN

Site Map P - Partial Mapped Date 02/03/2000
Designer Kettler, S.M.

Boundary Justification

The boundary encompasses the plant locations and some adjacent suitable habitat. Seed dispersal mechanisms considered important for this species are small mammals (presumably kangaroo rats) caching the seed pods and precipitation events washing the seeds downhill. A suspected pollinator of this plant is a common bee which could nectar on species other than Ripley milkvetch in the same habitat. This boundary is intended to allow some seed dispersal into currently unoccupied but apparently suitable habitat and provide habitat for plant pollinators.

Primary Area 25.00 Acres 10.12 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

This rank is based on a fair (C-ranked) occurrence of a globally vulnerable plant species.

Other Values Rank No Data

Other Values Comments

No Data

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LAND MANAGEMENT ISSUES

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ASSOCIATED ELEMENTS OF BIODIVERSITY

<u>Element</u>			<u>Global Rank</u>	<u>State Rank</u>	<u>Driving Site Rank</u>
<u>State ID</u>	<u>State Scientific Name</u>	<u>State Common Name</u>			
18485	<i>Astragalus ripleyi</i>	Ripley milkvetch	G3	S2	Yes

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
-	No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date	02/03/2000
Version Author	Kettler, S.M.

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